

# Texas Department of Public Safety Texas Division of Emergency Management

## Texas State Operations Center



### Situation Awareness Brief



Thursday, January 11<sup>th</sup> 2018  
As of 0900 CST

# Incidents Reported to the State Operations Center (last 24 hours)

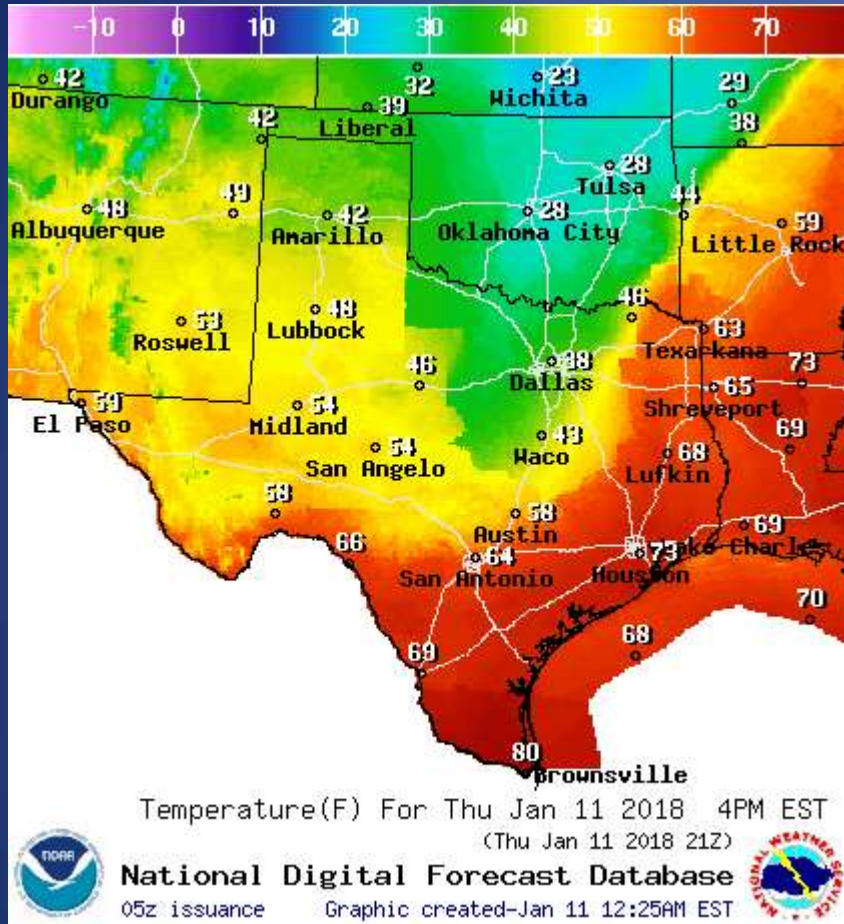
DATE	EVENT / INCIDENT	LOCATION (City/County)	Final Report: Y/N
01/10/18	Silver Alert Activation for the Victoria Police Department	Victoria County	N
01/10/18	Silver Alert Discontinuation for the Victoria Police Department	Victoria County	Y
01/10/18	Initial Report of the Henderson Fire	Crane County	N
01/10/18	Initial and Final Report of the Bates Field Fire	Midland County	Y
01/10/18	Initial and Final Report of a Wildfire	Ector County	Y
01/10/18	Initial Report of the 268 Wildfire	Childress County	N
01/10/18	Final Report of the 268 Wildfire	Childress County	Y
01/10/18	Final Report of the Henderson Fire	Crane County	Y
01/10/18	Silver Alert Request from the Highland Park Department of Public Safety	Tarrant County	Y
01/11/18	Silver Alert Request from the Montgomery County Sheriff's Office	Montgomery County	Y

# Informational Products

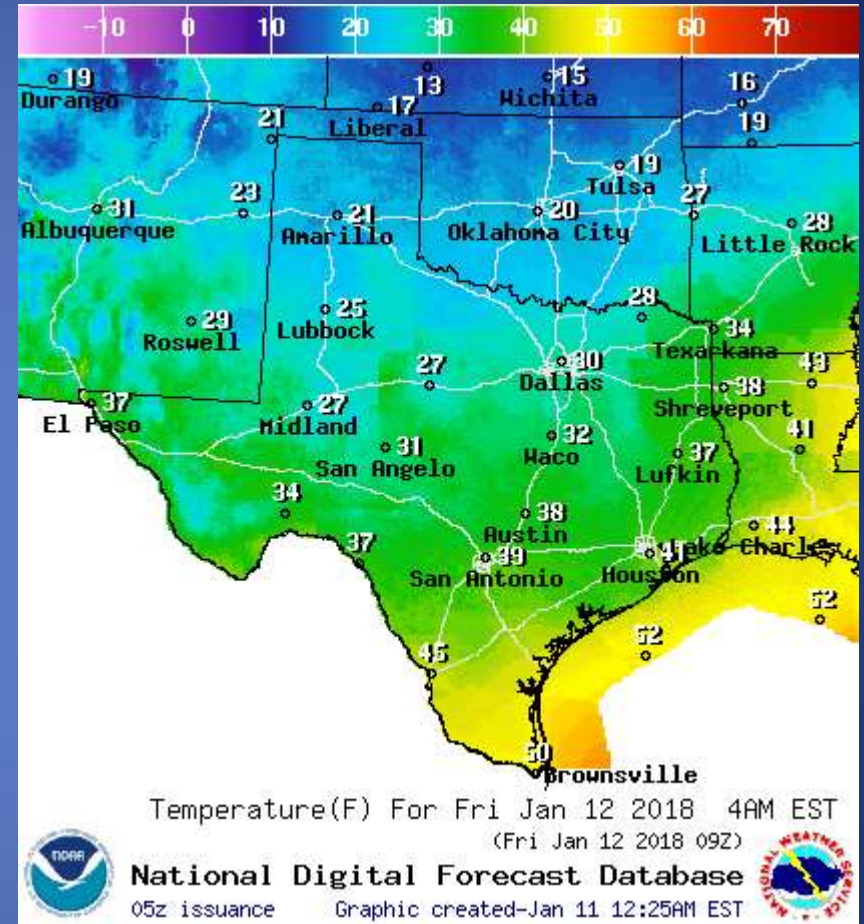
## Distributed by the State Operations Center

DATE	SUBJECT
01/10/18	NWS Fort Worth- UPDATE: Colder and Winter Precipitation Potential
01/11/18	FEMA Region 6 Daily Situation Awareness Brief
01/11/18	NWS Houston/Galveston: Update on the Cold Front Arriving Today Brings Strong Winds
01/11/18	Daily NWS Threat Brief for Thursday, January 11, 2018 for FEMA Region 6
01/11/18	NWS El Paso- Weather Hazards Outlook Thursday 11 January 2018

# Weather Forecast



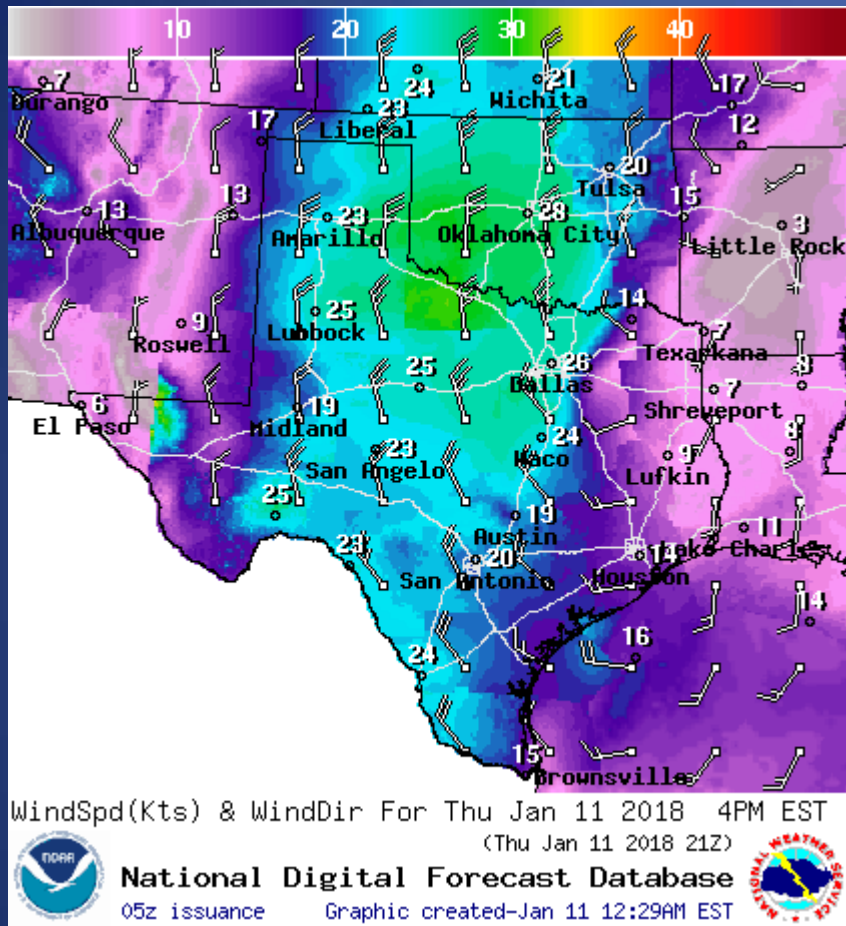
Highs



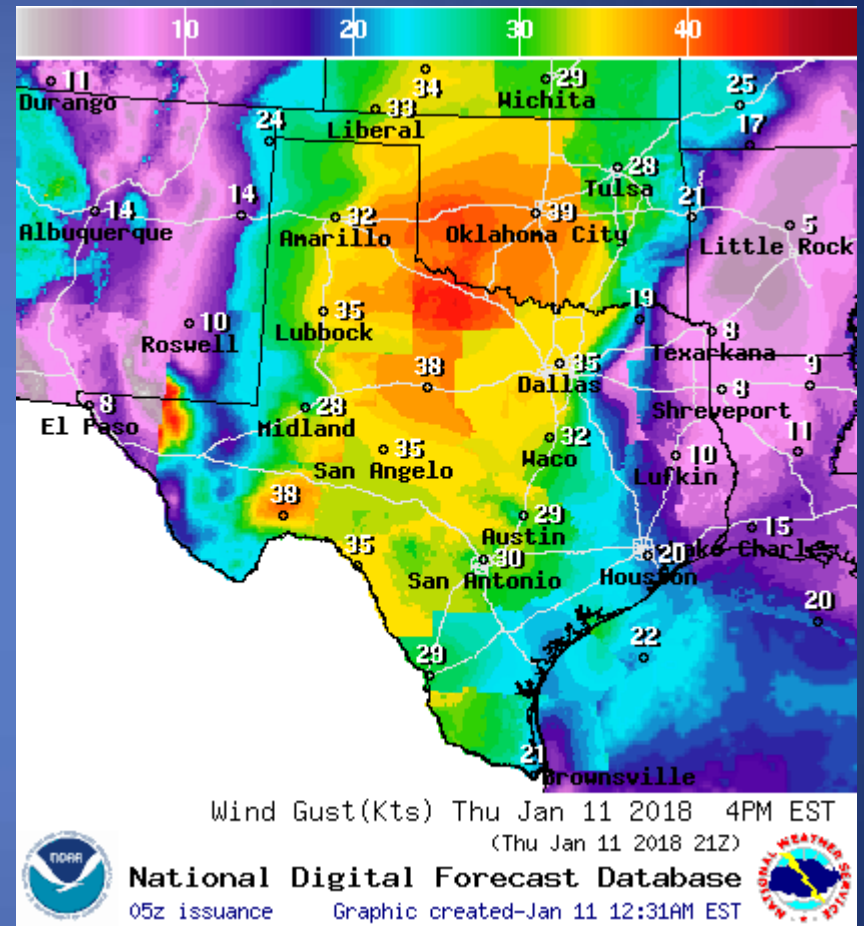
Lows



# Weather Forecast



## Wind Speeds



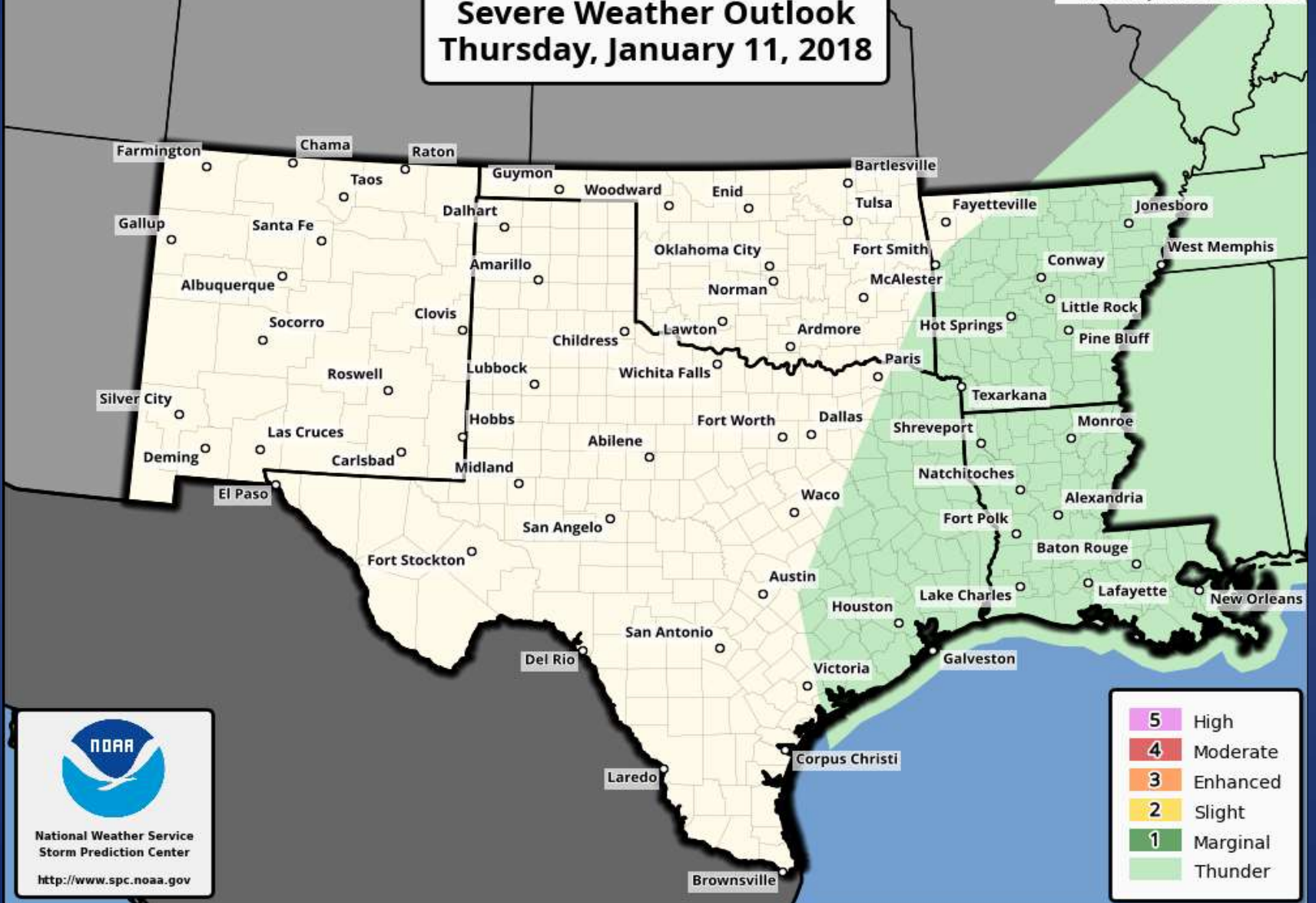
## Gusts

# Hazardous Weather

Highlighted Area: FEMA Region 6

**Severe Weather Outlook  
Thursday, January 11, 2018**

Last Updated: Jan 11 2018 0700 AM CST  
Valid Until: Jan 12 2018 0600 AM CST

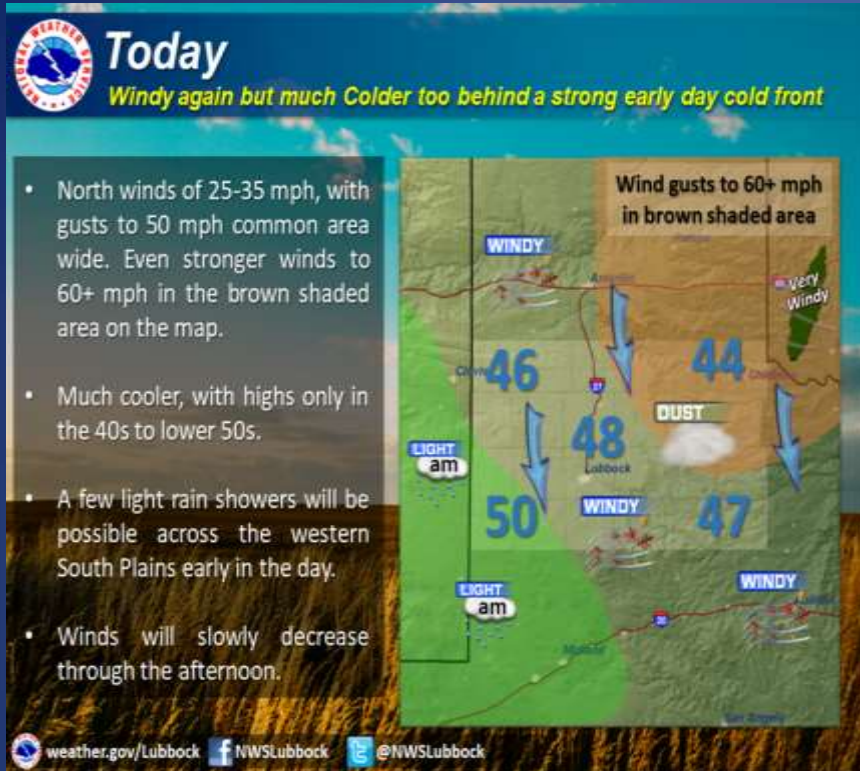


National Weather Service  
Storm Prediction Center

<http://www.spc.noaa.gov>



# Hazardous Weather



Strong northerly winds have invaded the region behind an early day cold front. A high wind warning is in effect for the eastern Texas Panhandle into the northern and central Rolling Plains until 3 pm where winds may gust to 60+ mph. The rest of the South Plains region is under a wind advisory until 3 pm where 25-35 mph winds, with gusts to 50 mph, will be common. Aside from the wind (and dust), a few light rain showers may visit the western South Plains early in the day. Everyone will be much cooler with highs mostly in the 40s.

## Windy This Morning

Weather Forecast Office  
Midland/Odessa, TX

Issued January 11, 2018 3:11 AM CT

Wind Advisory this morning for the eastern and southern Permian Basin, lower Trans Pecos, Davis Mountains and Big Bend of west Texas...

+ West winds 25 to 35 mph with gusts to 50 mph. Patchy blowing dust.

Impacts...

+ Severe Aircraft turbulence possible.

+ Motorists driving high profile vehicles such as campers, vans, and tractor trailers should exercise extreme caution.

Another cold front will bring another bout of wind this morning across portions of the Permian Basin, lower Trans Pecos, Davis Mountains and Big Bend. A Wind Advisory in effect until Noon CST.

# Hazardous Weather

## Wind Advisory

Highs Today

Wind Advisory Today

Strong Cold Front arrives during the morning hours.

North Winds 25 to 35 mph with gusts to 45 mph will make it feel even colder!

Motorists of high profile vehicles on I-20 and I-10 will see strong cross-winds.



National Weather Service San Angelo, TX Updated: Jan 11 6:47 AM



## Much Colder Today – Some Snow Possible

National Weather Service Fort Worth – Forecast Temperatures During Late Afternoon

- **Temperatures:** Falling into the 30s and lower 40s this afternoon.
- **Winds:** Shifting to the north at 20-30 mph with gusts to 40 mph. Wind chills in the 20s.
- **Snowfall:** Minor accumulations between 2 pm and 8 pm in white shaded area. 1/2 to 1 inch most likely. Isolated amounts to 2". Little to no accumulation in purple shaded area.



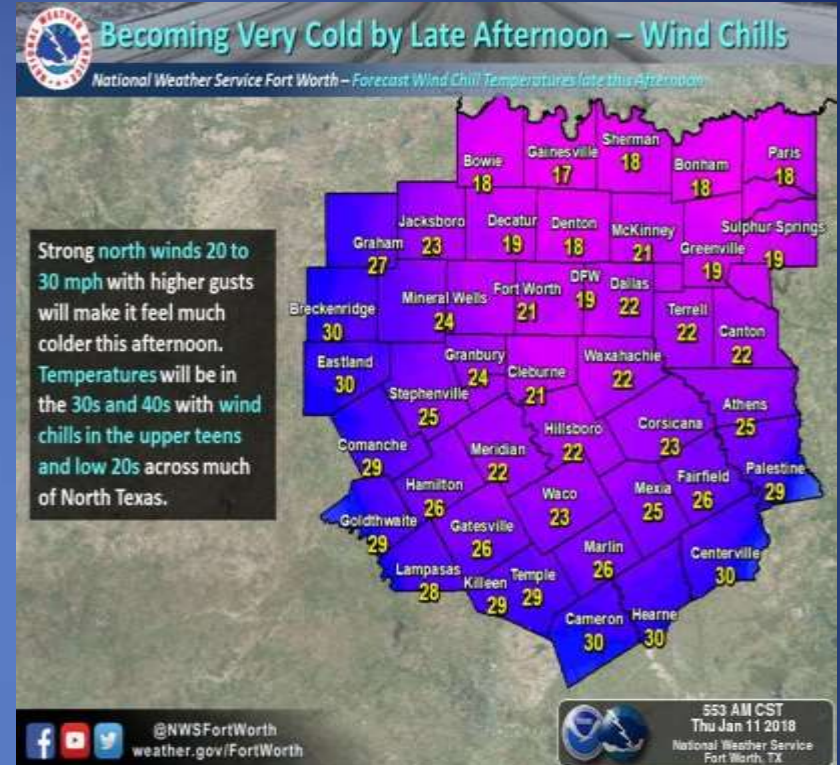
A strong cold front will send temperatures plummeting into the 30s by this afternoon with gusty north winds 20 to 30 mph. There will be a chance for some snow bands to develop mainly from the Metroplex northward to the Red River. Some minor accumulations of 1/2 to 1 inch will be possible mainly on grassy surfaces. The strongest band could produce an isolated 2" amount. The precipitation will not last long and should end by this evening.



# Hazardous Weather



A **WIND ADVISORY** is in effect for all of North Texas through this evening. North winds 20 to 30 mph with gusts in excess of 40 mph will be possible. A **WINTER WEATHER ADVISORY** is in effect from 2 pm to 8 pm for areas from the Metroplex north and west to the Red River. Some minor snow accumulations of 1/2 to 1 inch will be possible. Isolated amounts to 2" may occur.

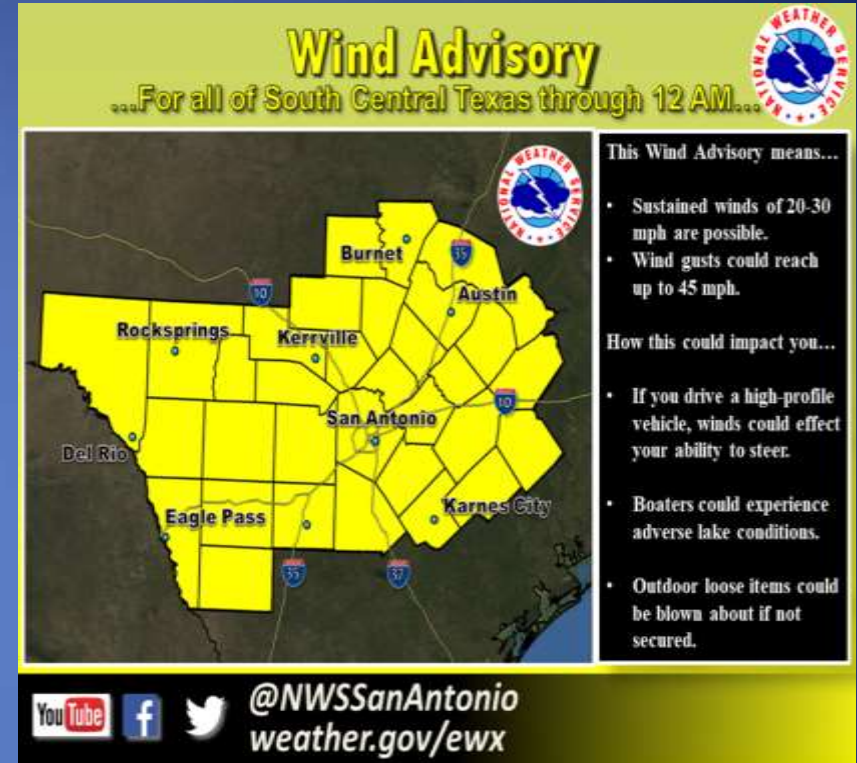


Strong north winds today behind a cold front combined with temperatures falling into the 30s will result in wind chills in the teens and lower 20s across much of North Texas by late this afternoon and evening. North winds will be 20 to 30 mph with gusts in excess of 40 mph across much of the area.

# Hazardous Weather



Windy conditions are expected today behind a cold front that will move into the area this morning. Northwest winds will be sustained between 20 and 30 mph with gusts up to 40 mph. In addition, elevated fire weather conditions are expected across the Rio Grande Plains. Highs today will top out in the 60s and 70s with temperatures quickly dropping behind the front.



Windy conditions are expected today behind a cold front that will move into the area this morning. Northwest winds will be sustained between 20 and 30 mph with gusts up to 40 mph.

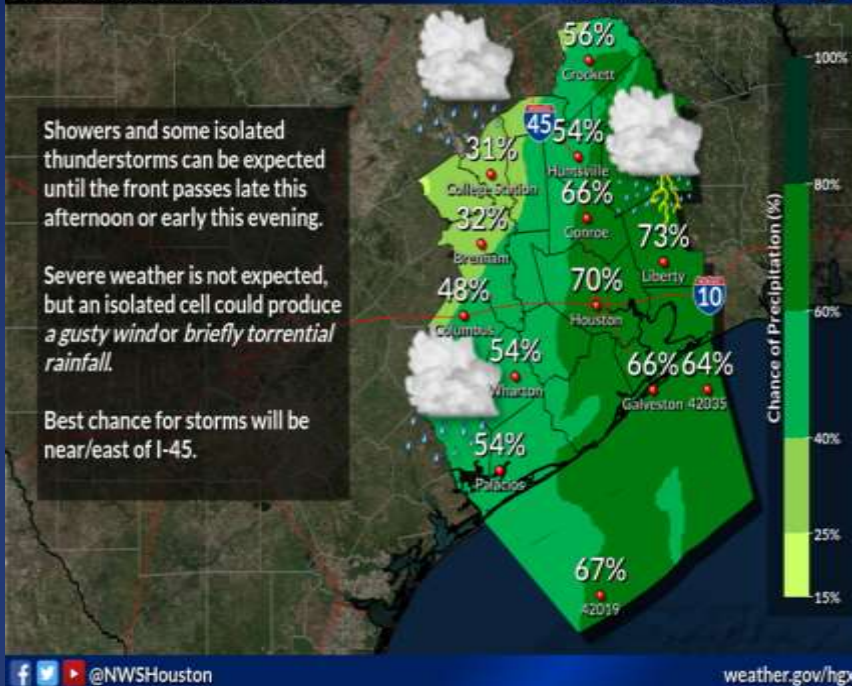


# Hazardous Weather

## Rain Chances for Today's Frontal Passage

Weather Forecast Office  
NWS Houston/Galveston TX  
Issued Jan 11, 2018 5:43 AM CST

Best Chance for Storms east of I-45



The much-anticipated cold front is nearly here. Chances for rain showers will increase through the day, and the afternoon may see isolated to scattered thunder, mainly near and east of I-45

## GALE WARNING

In effect this evening through Friday morning

Weather Forecast Office  
NWS Houston/Galveston TX  
Issued Jan 11, 2018 4:43 AM CST





# Hazardous Weather

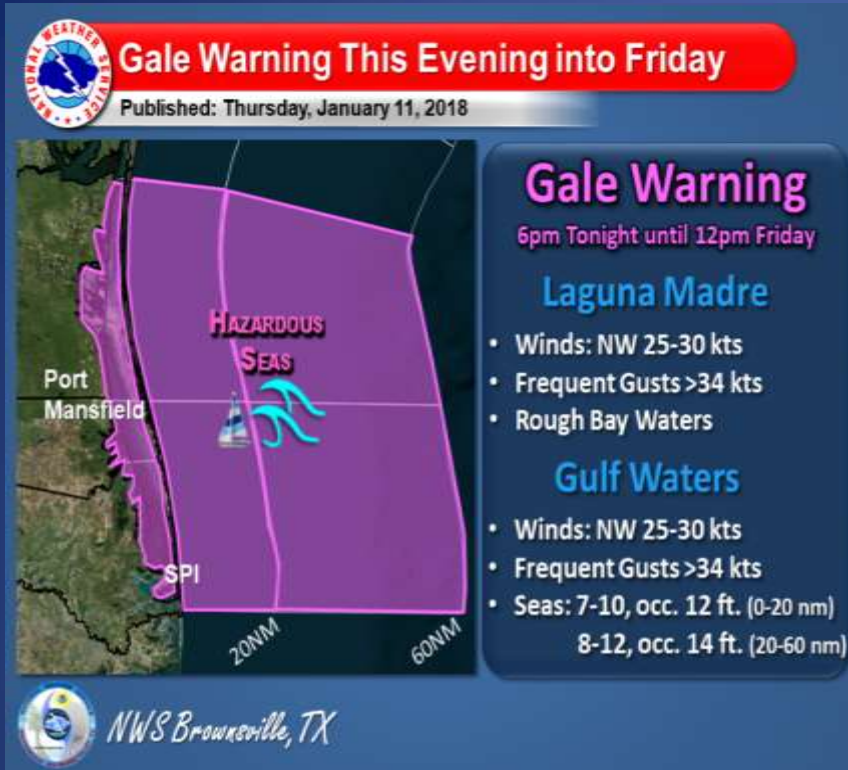


A dry cold front will work through deep south Texas today with high winds, dangerous seas and an enhanced fire threat in the wake of the frontal passage. Temperatures prior to the front are expected to peak well above normal in the low to mid 80s. Wind gusts as high as 40-45 mph are possible across the region. With relative humidity dropping to 15-25% behind the front and high winds expected, the danger of rapidly spreading fires will be enhanced.

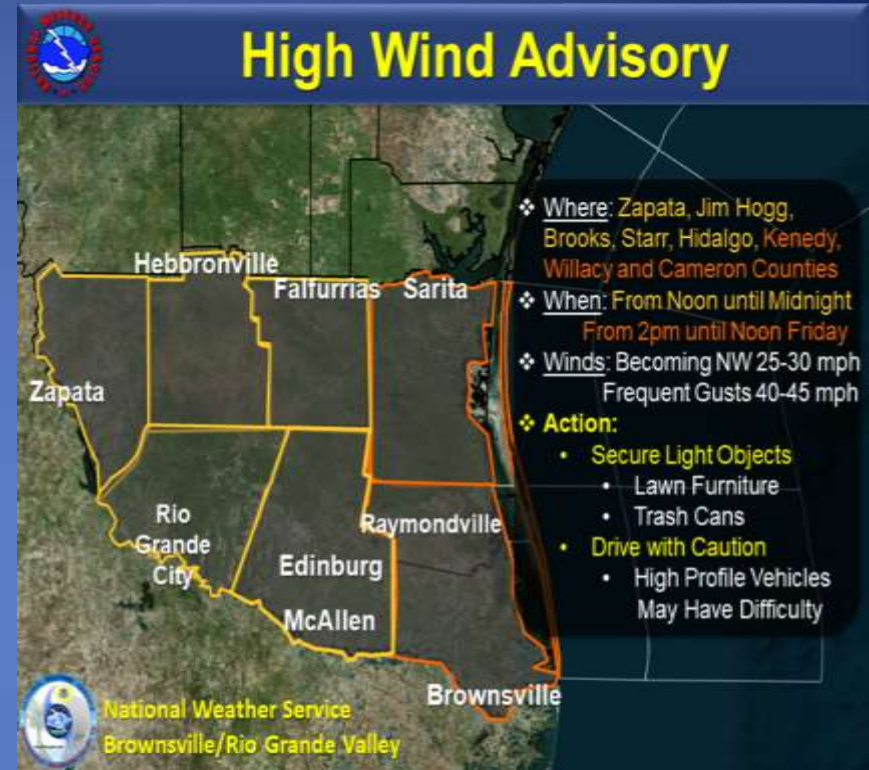


Strong winds and low relative humidity values will enhance the threat of rapidly spreading fires today across Deep South Texas. As a result, a Red Flag Warning has been issued from 10 am until 7 pm today for Zapata, Jim Hogg, Brooks, Kenedy, Starr, Hidalgo, Inland Willacy and Inland Cameron counties. We recommend disposing of cigarettes properly in ashtrays, avoid activities with open flame, parking vehicles on grassy areas and any outdoor burning.

# Hazardous Weather



Hazardous marine conditions will develop by this evening and continue through Friday morning in the wake of the passage of a cold front. A Gale Warning is now in effect for all of the lower Texas coastal waters for the potential of frequent wind gusts in excess of 34 knots from 6 pm this evening until Noon Friday.



A High Wind Advisory is in effect for Zapata, Jim Hogg, Brooks, Starr and Hidalgo counties from Noon today until midnight tonight. A High Wind Advisory is in effect for Kenedy, Willacy and Cameron counties from 2pm today until Noon Friday. Northwestern winds will increase to 25-30 mph behind the front with frequent gusts of 40-45 mph.



# Hazardous Weather



## High Risk of Rip Currents This PM

Thursday, January 11, 2018

**RIP CURRENTS**  
**¡ESCÁPESE DE LA CORRIENTE!**



[www.ripcurrents.noaa.gov](http://www.ripcurrents.noaa.gov)  
[www.usfa.org](http://www.usfa.org)

**IF CAUGHT IN A RIP CURRENT**  
**SI LO ATRAPA LA CORRIENTE PELIGROSA**

- ♦ Don't fight the current  
*No luche contra la corriente*
- ♦ Swim even with the shore, until current weakens, then swim to shore  
*Nade al nivel de la orilla hasta que la corriente se debilita*
- ♦ If you can't escape, float or tread water  
*Si no logra escapar, manténgase a flote pedaleando*
- ♦ If you need help, call or wave for assistance  
*Si necesita auxilio, grite o agite los brazos*

**Never swim alone - Nunca nade solo**

More information about rip currents can be found at the following web sites:  
Para más información acerca de las corrientes peligrosas consulte estos sitios de web:  
[www.ripcurrents.noaa.gov](http://www.ripcurrents.noaa.gov)  
[www.usfa.org](http://www.usfa.org)



**Breezy**

Wave Heights: **1-3 feet AM**  
**3-5 feet PM**

Surf Temp: **60°F**

Air Temp: **Upper 70s**

UV Index: **Moderate**

Winds: **SW 10-15 mph**

**Increasing to NW 20-25 mph**

Tides: **Low at 5:08 am**

**High at 2:32 pm**

There is a high risk of rip currents by this afternoon, with life threatening rip currents likely within the surf zone due to the combination of strong winds and elevated seas behind a cold front working through the region. Sunny skies with strong northwest winds and highs in the upper 70s can be expected along the beaches of South Padre Island and at Boca Chica. A High Wind Advisory is in effect from 2pm today until Noon Friday.



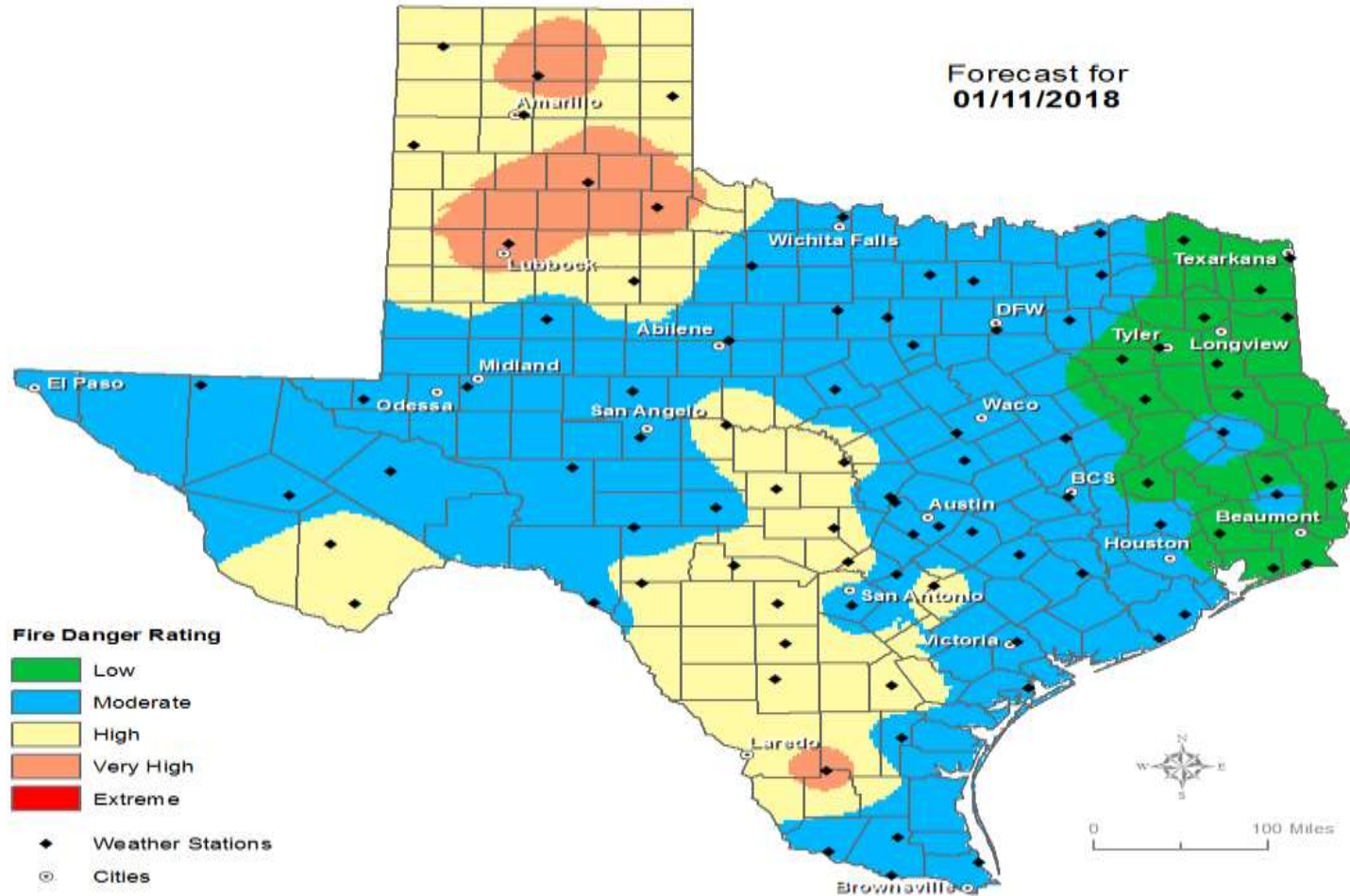
# Weather Warning/Advisories Issued

DATE	WARNING TYPE	LOCATION
01/10/18	High Wind Warning	Collingsworth, Donley, Gray, Hansford, Hemphill, Hutchinson, Lipscomb, Ochiltree, Roberts, Sherman and Wheeler Counties
01/10/18	Wind Advisory	Armstrong, Carson, Dallam, Deaf Smith, Hartley, Moore, Oldham, Potter and Randall Counties
01/11/18	High Wind Warning	Briscoe, Childress, Cottle, Dickens, Floyd, Foard, Hall, Hardeman, King, Motley, Swisher, Wichita and Wilbarger Counties
01/11/18	Wind Advisory	Cochran, Foard, Garza, Hardeman, Hockley, Lynn, Wichita and Wilbarger Counties
01/11/18	Wind Advisory Remains in Effect	Bailey, Castro, Crosby, Hale, Kent, Lamb, Lubbock, Parmer and Stonewall Counties

# Fire Danger Forecast

## Forecast Fire Danger

Forecast for  
01/11/2018



# Burn Bans and KBDI INDEX

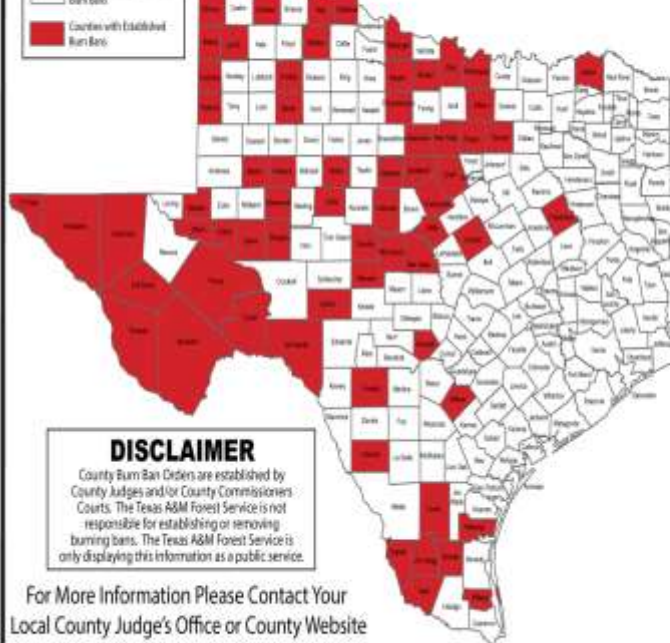
## OUTDOOR BURN BANS

January 11, 2018



☐ Counties without (published) Burn Bans  
☒ Counties with Established Burn Bans

Email updates to:  
burnban@tfs.tamu.edu



### DISCLAIMER

County Burn Ban Orders are established by County Judges and/or County Commissioners' Courts. The Texas A&M Forest Service is not responsible for establishing or removing burning bans. The Texas A&M Forest Service is only displaying this information as a public service.

For More Information Please Contact Your  
Local County Judge's Office or County Website

RED FLAG WARNINGS: [www.weather.gov](http://www.weather.gov)

Burn Ban RSS feed available at <http://tfsfp.tamu.edu/wildfires/BurnBan.xml>

### Counties with Burn Bans: 82

Archer Nolan  
 Armstrong Oldham  
 Bailey Palo Pinto  
 Baylor\* Parker  
 Brewster Pecos  
 Brooks Potter  
 Calahan Presidio  
 Canon Randall  
 Childress Reagan  
 Clay Roberts  
 Cochran Coke  
 Coleman San Saba  
 Collingsworth Sherman  
 Concho Stephens  
 Correll Sutton  
 Crane Swisher  
 Crosby Tarrant  
 Dalhart Terrell  
 Dallam Throckmorton  
 Deaf Smith Upton  
 Dimmit Val Verde  
 Duval Ward  
 Eastland Wheeler  
 El Paso Willbarger  
 Elberta Wilbrey  
 Freestone Wilson  
 Garza Winkler\*  
 Glasscock Wise  
 Gray Yoakum  
 Hall Zapata  
 Hartley  
 Hemphill  
 Howard  
 Hudspeth  
 Hutchinson  
 Jeff Davis  
 Jim Hogg  
 Kendall  
 Kleberg  
 Lamar  
 LaSalle  
 Martin  
 McCulloch  
 Menard  
 Mills  
 Montague  
 Moore  
 Motley

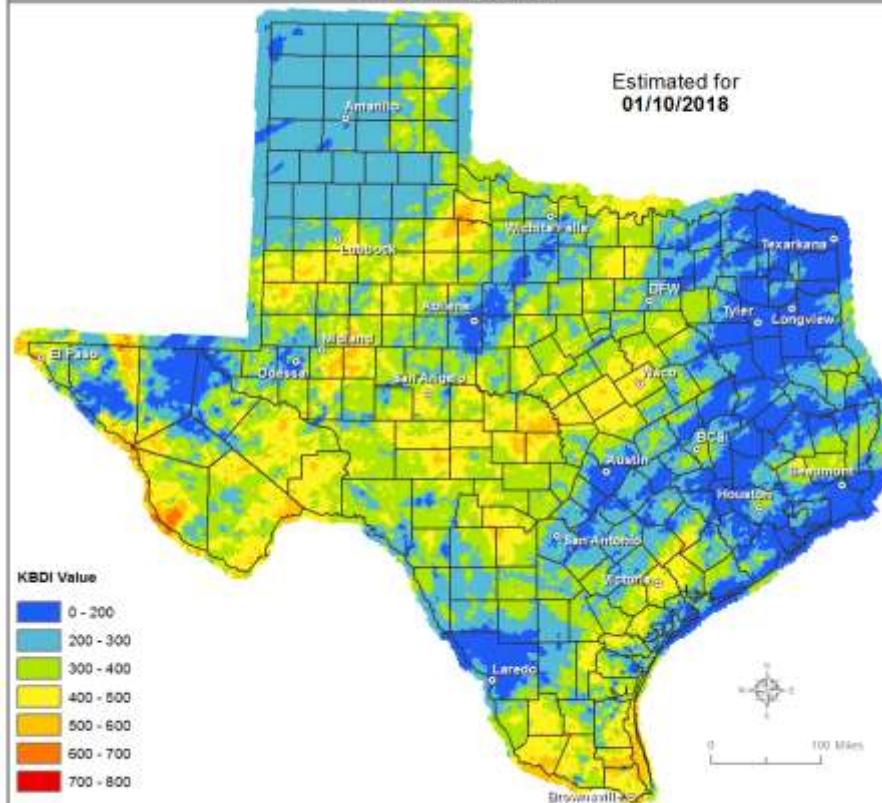
\* Burn Bans exist during a Red Flag Warning day

\*\* Burn Bans exist during a County Fire Ban

## Keetch-Byram Drought Index

(4 km x 4 km resolution)

Estimated for  
01/10/2018



### KBDI Value

0 - 200  
 200 - 300  
 300 - 400  
 400 - 500  
 500 - 600  
 600 - 700  
 700 - 800

TEXAS A&M  
AGRI LIFE  
RESEARCH

Produced by TAMU Spatial Sciences Laboratory  
in partnership with Texas A&M Forest Service

TEXAS A&M  
FOREST SERVICE

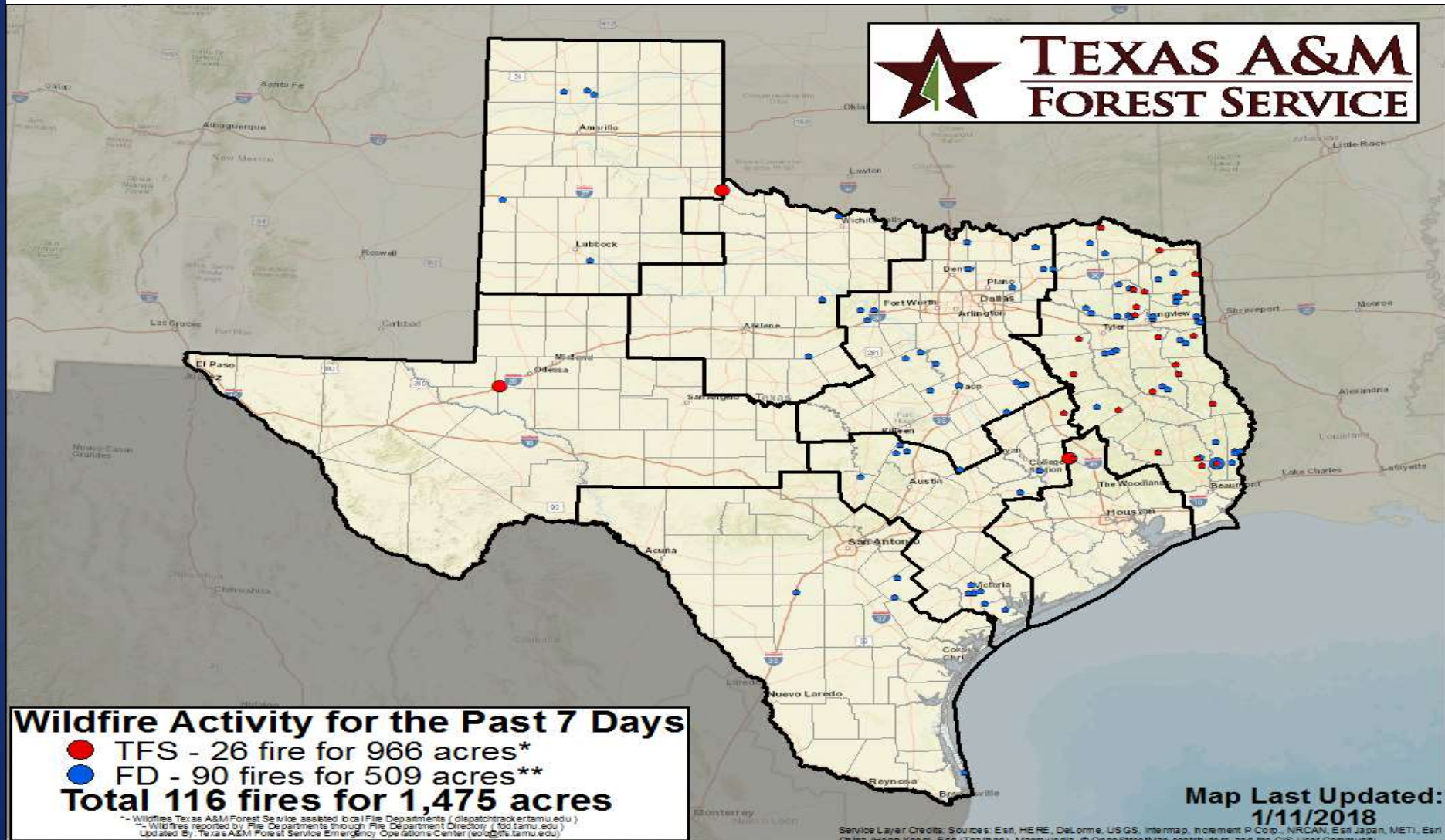


# Fire Weather Warnings/Watches/Statements

DATE	WARNING TYPE	LOCATION
01/10/18	Fire Danger Statement	Aransas, Bee, Calhoun, Duval, Goliad, Jim Wells, Kleberg, La Salle, Live Oak, McMullen, Nueces, Refugio, San Patricio, Victoria, and Webb Counties
01/11/18	Red Flag Warning	Brooks, Cameron, Duval, Hidalgo, Jim Hogg, Jim Wells, Kenedy, La Salle, Live Oak, McMullen, Starr, Webb, Willacy and Zapata Counties
01/11/18	Fire Danger Statement	Aransas, Bailey, Bee, Briscoe, Calhoun, Castro, Childress, Cochran, Cottle, Crosby, Dickens, Floyd, Garza, Goliad, Hale, Hall, Hockley, Kent, King, Kleberg, Lamb, Lubbock, Lynn, Motley, Nueces, Parmer, Refugio, San Patricio, Stonewall, Swisher, Terry, Victoria and Yoakum Counties

# Fire Activity (\*Last 24 Hours)

Reports 31 (no change) fires and 603 (no change) acres destroyed this year. There are 82 (+1) counties with burn bans. The Keetch-Byram Drought Index list 34 (+2) counties with an average over 400.



# Training

DATES		TITLE	COURSE	LOCATION
01/09/18	01/11/18	Wide Area Search	PER-213	Corpus Christi
01/09/18	01/11/18	Intermediate Incident Command System for Expanding Incidents	G-300	Hidalgo
01/09/18	01/12/18	NFPA 1006 2013 Edition Confined Space Rescue Levels I and II Training (Pro-Board Certificates)	H-503	Weslaco
01/10/18	01/12/18	Continuity of Operations Planning (COOP) Train-the-Trainer	L-550	Dallas
01/10/18	01/12/18	Intermediate Incident Command System for Expanding Incidents	G-300	Wichita Falls
01/10/18	01/12/18	Intermediate Incident Command System for Expanding Incidents	G-300	San Angelo
01/10/18	01/24/18	Community Emergency Response Team (CERT) Course	G-317	San Marcos
01/11/18	01/11/18	AMBER, Blue, Silver and Endangered Missing Persons Alert Course	ALERT	Crockett
01/11/18	01/11/18	Disaster Accounting 101 (Module 1)	T-600.a	Sugar Land



# Training

DATES		TITLE	COURSE	LOCATION
01/09/18	01/12/18	NFPA 1006 2013 Edition Confined Space Rescue Levels I and II Training (Pro-Board Certificates)	H-503	Weslaco
01/10/18	01/12/18	Continuity of Operations Planning (COOP) Train-the-Trainer	L-550	Dallas

# Exercises

DATE(S)		AGENCY/LOCATION	EXERCISE
01/01/18	01/28/18	United States Coast Guard Sector Houston-Galveston	CPOD 2018 Central Point Dispensing Tabletop Exercise
01/08/18	01/12/18	TXDPS-PSCS/Choke Canyon	Comm Emergency Ops – Gold Team; Flood Exercise
01/11/18	01/11/18	Williamson County/Cedar Park	Twin Lakes Dam Disaster